

C.6.1.1.33. FREQUENCY MANAGEMENT SUPPORT [*EXERCISED FOR CJTF-HOA*]

The Contractor shall provide technical expertise and guidance on the use and management of the electromagnetic spectrum.

The Contractor shall:

- Establish and update command policy for managing, requesting, and coordinating the use of the electromagnetic spectrum (EMS), Joint Restricted Frequency List (JRFL) process, and Communications Electronics Operating Instructions (CEOI) process.
- Gather spectrum use requirements to conduct operation and contingencies, as required.
- Obtain, via Spectrum XXI or other authorized means, spectrum resources to conduct operations and contingencies, as required.
- Identify, report, and resolve electromagnetic interference (EMI).
- Provide liaison between major subordinate commands, higher headquarters and or other senior spectrum management agencies including coordination among task force operations within the electromagnetic environment.
- Support development and procurement of spectrum operations tools and policy.
- Provide recommendations to the Government for manning, training and equipping all spectrum operations.
- Maintain and promulgate a common frequency database for planning, coordinating, and controlling spectrum use.
- Identify, evaluate, and provide resolution guidance to potential spectrum use conflicts.
- Develop, update, and distribute a signal operating instruction (SOI)/CEOI and shall support the controlling authority.
- Develop, update, and distribute the JRFL.
- Uphold the command policy for requesting and coordinating the use of the electromagnetic spectrum.
- Perform network analysis to determine frequency requirements, performing topography and environmental analyses to assist in network design, and engineering line-of-sight radio links.
- Install, operate, and maintain the Automated Communications Engineering System/Joint Automated Communications Electronic Operating Instructions System (ACES/JACS), Systems Planning Engineering and Evaluation Device (SPEED), and other authorized systems to perform EMS/CEOI/cryptographic network planning, management, generation and distribution.

- Perform requirements analysis and validation, planning, and staffing for military and commercial satellite communications and associated electromagnetic spectrum in accordance with Department of Defense and command policy and procedures.
- Conduct virtual and on-site EMS telecommunications surveys of crisis response and contingency locations.

Completion of one or more of the following courses is required: U.S. Army Joint/Battlefield Spectrum Management Course, U.S. Air Force Electromagnetic Spectrum Management Course, or DoD Inter-Service Radio Frequency Management School.